

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant	: Choi, et al.	Art Unit	: 1732
Serial No.	: 09/934,248	Examiner	: Mathieu D. Vargot
Filed	: August 21, 2001	Conf. No.	: 6502
Title	: FLEXURE BASED MACRO MOTION TRANSLATION STAGE		

**Mail Stop Amendment**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

RESPONSE TO NOTIFICATION OF NON-COMPLIANT  
APPEAL BRIEF FILED JANUARY 4, 2007

The Examiner has asserted that the summary is insufficient. In response, Applicants hereby provide an amended summary. The amended summary provides a concise explanation of the subject matter defined in each of the independent claims 1, 31 and 212. Further, reference is made to the specification by page and line number and to the drawings and reference characters supporting each of the independent claims. As a result, this response is in compliance with 37 C.F.R. 41.37(c)(1)(v).

Please amend the following section of the appeal brief as follows, as all additions and deletions are indicated with underline and strikethrough.

V. SUMMARY OF THE INVENTION

Claim 1 recites an apparatus for positioning of an object 1801 in at least one plane comprising a holding member configured to hold the object to be positioned, and a positioning system including a linkage 1805 coupled to the holding member, defining a first joint 1807 thereat, with said first joint being coupled to a second joint through a plurality of elongated members and a flexure joint, with said plurality of elongated members being coupled to said flexure joint to move at substantially the same rate and in opposite directions to facilitate movement of said holding member along first and second axes, with the first axis extending transversely to the second axis. See Fig. 18; Specification, p. 30, line 26 – p.31, line 11.

Claim 31 recites an apparatus for positioning of an object along a first axis and a second axis comprising a holding member configured to hold the object to be positioned, a platform coupled to the holding member, a first set of flexure linkages coupled to the platform, defining a plurality of first joints thereat, with each of said first joints being coupled to a second joint through a first pair of elongated members and a first flexure joint so as to facilitate movement of said first pair of elongated members in opposing directions while facilitating movement of said platform along a first axis, a second set of flexure linkages coupled to the platform, said second set of flexure linkages defining a plurality of third joints thereat, with each of said third joints being coupled to a fourth joint through a second pair of elongated members and a second flexure joint so as to facilitate movement of said second pair of elongated members in opposing directions while facilitating movement of said platform along a second axis; a first motive device coupled to the holding member, wherein the first motive device is configured to move the holding member in relation to the platform along said first axis, and a second motive device coupled to the platform, wherein the second motive device is configured to move the platform along said second axis. See Figs. 16-17; Specification, p. 29, line 21 - p. 30, line 19.

Claim 212 recites an apparatus for positioning of an object in a plane, said apparatus comprising a holding member retaining said object, a linkage coupled to the holding member, defining a first joint thereat, with said first joint being coupled to ground through a plurality of elongated members and a flexure joint, and a motive device coupled to the holding member for moving the holding member, with said plurality of elongated members being coupled to said flexure joint to move in opposite directions to facilitate movement of said holding member along an axis in response to movement of said holding member by said motive device. See, Fig. 19; Specification, p. 31, line 13 - line 27.

~~These claims are described with respect to Figures 16-19 which are described in the Specification at page 29, line 21 through page 31, line 27.~~

Please apply any other charges or credits to deposit account 06-1050.

Respectfully submitted,

Date: June 6, 2007

  
\_\_\_\_\_  
Kelly K. Kordzik  
Reg. No. 36,571

Fish & Richardson P.C.  
One Congress Plaza, Suite 810  
111 Congress Avenue  
Austin, TX 78701  
Telephone: (512) 226-8148  
Facsimile: (512) 320-8935